

FILE 'HOME' ENTERED AT 13:48:28 ON 03 APR 2003

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:48:42 ON 03 APR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 APR 2003 HIGHEST RN 501410-52-2

DICTIONARY FILE UPDATES: 2 APR 2003 HIGHEST RN 501410-52-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s captopril

L1 18 CAPTOPRIL

=> d 11

L1 ANSWER 1 OF 18 REGISTRY COPYRIGHT 2003 ACS

RN 474125-19-4 REGISTRY

CN L-Proline, 1-[(2S)-3-mercapto-2-methyl-1-oxopropyl]-, mixt. with 6-chloro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Captopril-thiazide**

FS STEREOSEARCH

MF C9 H15 N O3 S . C7 H6 Cl N3 O4 S2

CI MXS

SR CA

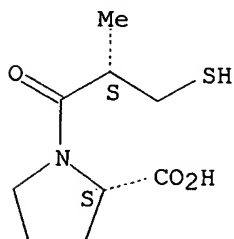
LC STN Files: CA, CAPLUS

CM 1

CRN 62571-86-2

CMF C9 H15 N O3 S

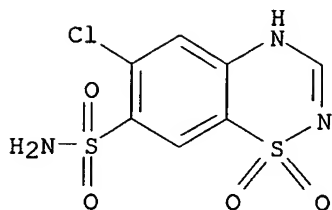
Absolute stereochemistry. Rotation (-).



CM 2

CRN 58-94-6

CMF C7 H6 Cl N3 O4 S2



1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s cysteamine

L2 136 CYSTEAMINE

=> d 12

L2 ANSWER 1 OF 136 REGISTRY COPYRIGHT 2003 ACS

RN 272114-09-7 REGISTRY

CN 1H-Pyrrole-2-carbothioic acid, S-[2-(acetylamino)ethyl] ester (9CI) (CA INDEX NAME)

OTHER NAMES:

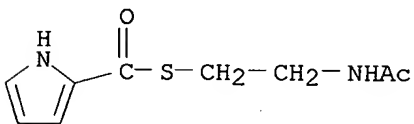
CN **Pyrrole-2-carboxylate N-acetylcysteamine thioester**

FS 3D CONCORD

MF C9 H12 N2 O2 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1962 TO DATE)

4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d 12 2-5

L2 ANSWER 2 OF 136 REGISTRY COPYRIGHT 2003 ACS

RN 272114-08-6 REGISTRY

CN 3-Furancarbothioic acid, S-[2-(acetylamino)ethyl] ester (9CI) (CA INDEX NAME)

OTHER NAMES:

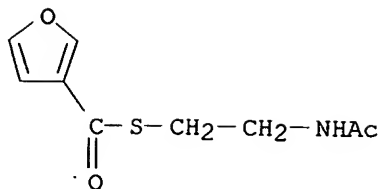
CN **Furan-3-carboxylate N-acetylcysteamine thioester**

FS 3D CONCORD

MF C9 H11 N O3 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL



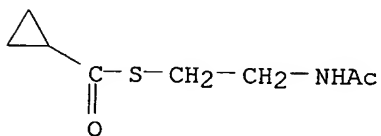
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 3 OF 136 REGISTRY COPYRIGHT 2003 ACS  
RN 220541-92-4 REGISTRY  
CN Cyclopropanecarbothioic acid, S-[2-(acetylamino)ethyl] ester (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **S-Cyclopropylcarbonyl-N-acetylcysteamine**  
FS 3D CONCORD  
MF C8 H13 N O2 S  
SR CA  
LC STN Files: CA, CAPLUS



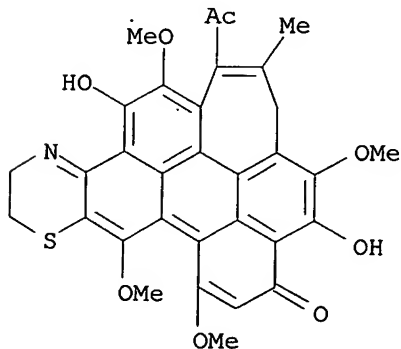
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 4 OF 136 REGISTRY COPYRIGHT 2003 ACS  
RN 219982-93-1 REGISTRY  
CN Cyclohepta[9,10]perylene[2,1-b][1,4]thiazin-6(3H)-one, 1-acetyl-11,12-dihydro-5,14-dihydroxy-4,8,9,15-tetramethoxy-2-methyl-, radical ion(1-)  
(9CI) (CA INDEX NAME)

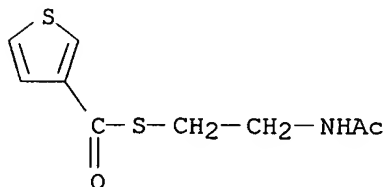
OTHER NAMES:

CN **Hypocrellin B cysteamine complex semiquinone anion radical**  
MF C32 H27 N O8 S  
CI RIS  
SR CA  
LC STN Files: CA, CAPLUS



2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 5 OF 136 REGISTRY COPYRIGHT 2003 ACS  
RN 219790-39-3 REGISTRY  
CN 3-Thiophenecarbothioic acid, S-[2-(acetylamino)ethyl] ester (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Thiophene-3-carboxylate N-acetylcysteamine thioester  
CN Thiophene-3-thiocarboxylic acid S-(N-acetylcysteamine) ester  
FS 3D CONCORD  
MF C9 H11 N O2 S2  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1962 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s ergothioneine  
L3 4 ERGOTHIONEINE

=> d 13

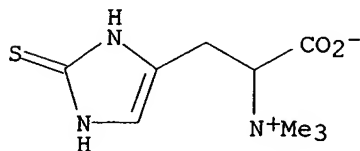
L3 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2003 ACS  
RN 162240-56-4 REGISTRY  
CN 1H-Imidazole-4-ethanaminium, .alpha.-carboxy-2,3-dihydro-N,N,N-trimethyl-2-thioxo-, inner salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Imidazole-4-ethanaminium, .alpha.-carboxy-2,3-dihydro-N,N,N-trimethyl-2-thioxo-, inner salt, (.+-.)-

OTHER NAMES:

CN DL-Ergothioneine  
DR 4756-85-8, 34319-64-7  
MF C9 H15 N3 O2 S  
CI COM  
SR CA  
LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, USPATFULL  
(\*File contains numerically searchable property data)

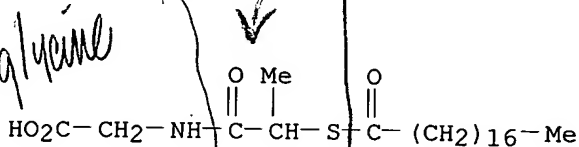


2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s mercaptopropionylglycine  
L4 21 MERCAPTOPROPIONYLGLYCINE

=> d 14

L4 ANSWER 1 OF 21 REGISTRY COPYRIGHT 2003 ACS  
RN 81075-20-9 REGISTRY  
CN Glycine, N-[1-oxo-2-[(1-oxooctadecyl)thio]propyl]- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN S-Octadecanoyl-.alpha.-mercaptopropionylglycine  
FS 3D CONCORD  
MF C23 H43 N O4 S  
LC STN Files: CA, CAPLUS



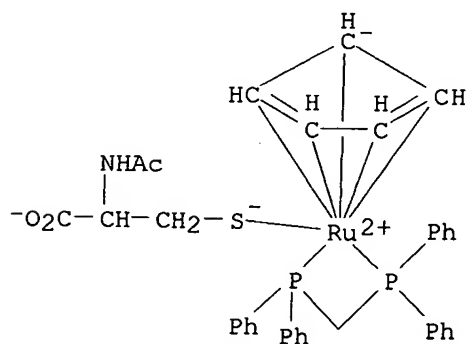
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s N-acetylcystein  
4580574 N  
25 ACETYLCYSTEIN  
L5 12 N-ACETYLCYSTEIN  
(N(W)ACETYLCYSTEIN)

=> d 15

L5 ANSWER 1 OF 12 REGISTRY COPYRIGHT 2003 ACS  
RN 444941-08-6 REGISTRY  
CN Ruthenate(1-), [N-acetylcysteinato(2-)-.kappa.S](.eta.5-2,4-cyclopentadien-1-yl) [methylenebis[diphenylphosphine-.kappa.P]]-, hydrogen (9CI) (CA INDEX NAME)  
MF C35 H34 N O3 P2 Ru S . H  
CI CCS  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER



H<sup>+</sup>

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s N-acetylcysteine

4580574 N

L6 45 ACETYLCYSTEINE  
36 N-ACETYLCYSTEINE  
(N(W)ACETYLCYSTEINE)

=> d 16

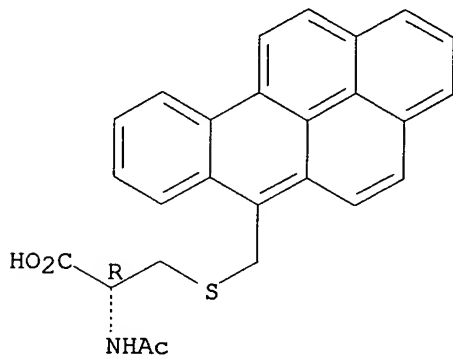
L6 ANSWER 1 OF 36 REGISTRY COPYRIGHT 2003 ACS  
RN 163913-60-8 REGISTRY  
CN **Deacetylase, N-acetylcysteine S-conjugate (9CI)** (CA INDEX NAME)  
OTHER NAMES:  
CN N-Acetyl-L-cysteine conjugate N-deacetylase  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
3 REFERENCES IN FILE CA (1962 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d 16 10-11

L6 ANSWER 10 OF 36 REGISTRY COPYRIGHT 2003 ACS  
RN 70703-17-2 REGISTRY  
CN L-Cysteine, N-acetyl-S-(benzo[a]pyren-6-ylmethyl)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzo[a]pyrene, L-cysteine deriv.  
OTHER NAMES:  
CN **S-(Benzo[a]pyrenyl-6-methyl)-N-acetylcysteine**  
FS STEREOSEARCH  
MF C26 H21 N O3 S  
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



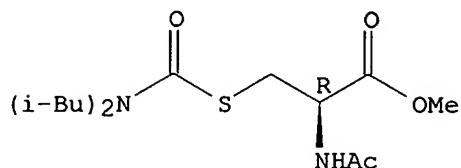
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L6 ANSWER 11 OF 36 REGISTRY COPYRIGHT 2003 ACS  
RN 63626-77-7 REGISTRY  
CN L-Cysteine, N-acetyl-, methyl ester, bis(2-methylpropyl)carbamate (ester)  
(9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN **S-(N,N-Diisobutylcarbamoyl)-N-acetylcysteine methyl ester**  
FS STEREOSEARCH  
MF C15 H28 N2 O4 S  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, TOXCENTER

(\*File contains numerically searchable property data)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s penicillamine

L7 77 PENICILLAMINE

=> d 17

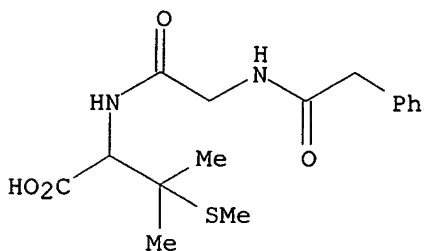
L7 ANSWER 1 OF 77 REGISTRY COPYRIGHT 2003 ACS  
RN 417706-31-1 REGISTRY  
CN **Chirex (D) Penicillamine (9CI)** (CA INDEX NAME)  
ENTE A chiral stationary phase (Phenomenex, Aschaffenburg, Germany)  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d 17 50

L7 ANSWER 50 OF 77 REGISTRY COPYRIGHT 2003 ACS  
RN 40435-02-7 REGISTRY  
CN Valine, 3-(methylthio)-N-[N-(phenylacetyl)glycyl]- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN DL-Valine, 3-(methylthio)-N-[N-(phenylacetyl)glycyl]-  
OTHER NAMES:  
CN **N-Phenaceturoyl-S-methyl-DL-penicillamine**  
MF C16 H22 N2 O4 S  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=>